WHAT IS CLAIMED IS:

1. A beverage container, comprising:

a vessel having an interior that is adapted to hold a beverage, wherein the vessel has a closed bottom end and an open top end, and wherein the bottom end defines a cavity that is fluidly sealed from the interior of the vessel;

a cooling element that is configured to be coupled to the vessel and to fit within the cavity; and

a base comprising a bottom member and a stem extending vertically upward from the bottom member, wherein the base includes a connector that is configured to be coupled to the cooling element.

2. A container as in claim 1, wherein the connector comprises a threaded end on the stem, wherein the cooling element includes a threaded section, and wherein the threaded end on the stem is configured to be screwed into the threaded section of the cooling element.

3. A container as in claim 2, wherein the threaded section of the cooling element has threads, and wherein an angle defined by the threads is about 65 degrees to about 75 degrees.

4. A container as in claim 2, wherein the cooling element also includes a threaded section, wherein the vessel includes a threaded section at the bottom end, and wherein the threaded section of the cooling element is configured to be screwed into the threaded section of the vessel.

5. A container as in claim 4, wherein the threaded section of the cooling element has threads, and wherein an angle defined by the threads is about 45 degrees to about 90 degrees.

6. A container as in claim 4, wherein the base and the vessel are constructed of glass, and wherein the cooling element is constructed of a material that is different from glass.

7. A container as in claim 6, wherein the cooling element is constructed of an acrylic.

8. A container as in claim 7, wherein the acrylic has a durometer of about 30 to about 40.

9. A container as in claim 1, wherein the base and the vessel are constructed of a material selected from a group consisting of glass, plastics and acrylics.

10. A container as in claim 1, wherein the vessel has a shape selected from a group consisting of a mug, a regular wine glass, a red wine glass, a white wine glass, a martini glass, a tumbler, a stein glass, a margarita glass, a brandy snifter, a water glass, a beer glass and a champagne glass.

11. A container as in claim 2, wherein the cooling element has a bottom end and a top end, and wherein the bottom end tapers inward and mates with a mating taper on the base.

12. A container as in claim 11, wherein the top end of the cooling element is generally hemispherical in geometry.

13. A container as in claim 12, wherein the bottom end of the vessel includes a generally hemispherical surface that partially defines the interior of the vessel.

14. A beverage container kit comprising:

a vessel having an interior that is adapted to hold a beverage, wherein the vessel has a closed bottom end and an open top end, and wherein the bottom end defines a cavity that is fluidly sealed from the interior of the vessel;

a cooling element that is configured to be coupled to the vessel and to fit within the cavity;

a base comprising a bottom member and a stem extending vertically upward from the bottom member, wherein the base includes a connector that is configured to be coupled to the cooling element; and

a tray having a plurality of holding regions for holding cooling elements, whereby the tray may be placed in a freezer to cool the cooling elements.

15. A kit as in claim 14, wherein the tray includes a plurality of recesses integrally formed in the tray to define the holding regions.

16. A kit as in claim 15, wherein the recesses are in a shape selected from a group consisting of semi-cylindrical, ice cube shaped, pyramidal and semi-spherical.

17. A kit as in claim 14, wherein the base further comprises a bottom member and a stem extending vertically upward from the bottom member.

18. A kit as in claim 17, wherein the connector comprises a threaded end on the stem, wherein the cooling element includes a threaded section, and wherein the threaded end on the stem is configured to be screwed into the threaded section of the cooling element.

19. A kit as in claim 18, wherein the cooling element also includes a threaded section, wherein the vessel includes a threaded section at the bottom end, and wherein the threaded section of the cooling element is configured to be screwed into the threaded section of the vessel.

20. A beverage container, comprising:

a vessel having an interior that is adapted to hold a beverage, wherein the vessel has a closed bottom end and an open top end, and wherein the bottom end defines a cavity that is fluidly sealed from the interior of the vessel;

a cooling element that is configured to fit within the cavity;

a base comprising a bottom member and a stem extending vertically upward from the bottom member, wherein the base includes a connector that is configured to be coupled to the bottom end of the vessel and to enclose the cooling element within the cavity.

21. A container as in claim 20, wherein the connector comprises a threaded end on the stem, wherein the cavity includes a threaded section, and wherein the threaded end is configured to be screwed up into the cavity using the threaded section.

22. A container as in claim 20, wherein the cavity is generally cylindrical in geometry and extends vertically upward into the interior of the vessel, and wherein the cooling element comprises a cylinder that is filled with a cooling substance.

23. A beverage container as in claim 21, wherein the connector and the vessel are constructed of a material selected from a group consisting of glass, hard plastic, and glass coated with hard plastic.

24. A container as in claim 20, wherein the vessel has a shape selected from a group consisting of a mug, a regular wine glass, a red wine glass, a white wine glass, a martini glass, a tumbler, a stein glass, a margarita glass, a brandy snifter and a champagne glass.

25. A beverage container comprising:

a vessel having an interior that is adapted to hold a beverage, wherein the vessel has a closed bottom end and an open top end, and wherein the bottom end defines a generally hemispherical cavity that is fluidly sealed from the interior of the vessel;

a generally hemispherical cooling element that is configured to fit within the cavity;

a base having a connector that is configured to be coupled to the bottom end of the vessel and to enclose the cooling element within the cavity.

26. A beverage container as in claim 25, wherein the bottom end includes a generally hemispherical surface that partially defines the interior of the vessel.

27. A beverage container as in claim 26, wherein the connector comprises threads on the base, and wherein the bottom end of the vessel includes threads to permit the base to be screwed into the vessel.

28. A beverage container kit comprising:

a vessel having an interior that is adapted to hold a beverage, wherein the vessel has a closed bottom end and an open top end, and wherein the bottom end defines a cavity that is fluidly sealed from the interior of the vessel;

a cooling element that is configured to fit within the cavity;

a base comprising a connector that is configured to be coupled to the bottom end of the vessel and to enclose the cooling element within the cavity;

a tray having a plurality of holding regions for holding cooling elements, whereby the tray may be placed in a freezer to cool the cooling elements.

29. A kit as in claim 28, wherein the tray includes a plurality of recesses integrally formed in the tray to define the holding regions.

30. A kit as in claim 29, wherein the recesses are in a shape selected from a group consisting of semi-cylindrical and semi-spherical.

31. A kit as in claim 28, wherein the base further comprises a bottom member and a stem extending vertically upward from the bottom member.

32. A kit as in claim 31, wherein the connector comprises a threaded end on the stem, wherein the cavity includes a threaded section, and wherein the threaded end is configured to be screwed up into the cavity using the threaded section.